

FEB 09 1982

HAZARDOUS MATERIALS DATA SHEET  
(PLEASE COMPLETE APPLICABLE SECTIONS)DPM 1898  
Superseded DPM 5483

1. PRODUCT NAME, NUMBER, SYNONYM: Oakite Rustripper
2. MANUFACTURER'S NAME: OAKITE PRODUCTS, INC.
3. MANUFACTURER'S ADDRESS: 50 Valley Road, Berkeley Heights, New Jersey 07922
4. PROCEDURE IN CASE OF BREAKAGE OR LEAKAGE: Sweep up powder; transfer to another container.  
For powder or solutions, flush area with water and neutralize with dilute  
acid (i.e. acetic).
5. TRANSPORTATION AND STORAGE REQUIREMENTS: May be shipped by any common carrier. Freight  
classification is "Cleaning Compound, NOIBN, Powder". Suitable for general indoor  
storage at moderate temperatures. Has slight tendency to cake when stored at high  
temperatures for prolonged periods. Keep container tightly closed when not in use.
6. FIRST AID TREATMENT:
- A. SKIN CONTACT: Immediately flush with plenty of water for at least 15 minutes.
- B. EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes, get  
medical attention.
- C. INHALATION: N/A
- D. ANTIDOTE IN CASE OF SWALLOWING: Do not induce vomiting. Dilute by drinking large quantities  
of water or milk. Get medical attention.
7. PHYSIOLOGICAL PROPERTIES:
- A. ACUTE ORAL TOXICITY: Highly toxic; corrosive.
- B. LOCAL EFFECTS UPON EYES: Causes burns.
- C. LOCAL EFFECTS UPON SKIN: Causes burns.
- D. ESTIMATE OF ACUTE HAZARD BY INHALATION (VOLATILE MATERIALS): No toxic vapors.
- E. WARNING PROPERTIES (ODOR, IRRITATION TO EYES, NOSE OR THROAT): May cause irritation of mucous  
membranes.
- F. ESTIMATED THRESHOLD LIMIT VALUE (IF NOT ON CURRENT LIST BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL  
HYGIENISTS): 2 mg/M<sup>3</sup> based on dry sodium hydroxide content. Value is higher as used.
8. CHEMICAL AND PHYSICAL PROPERTIES:
- A. SPECIFIC GRAVITY (WATER = 1): Bulk density 11.0 lbs/gal.
- B. VAPOR DENSITY (AIR = 1): N/A
- C. VAPOR PRESSURE mm Hg AT 25°C: N/A
- D. pH: 13+ @ working concentrations,  
70°F.
- E. CORROSIVE ACTION ON COMMON MATERIALS SUCH AS: ALUMINUM, MAGNESIUM, PLEXIGLAS, RUBBER, LACQUERS, ENAMELS, FABRICS:  
Safe on steel, stainless steel, or magnesium; will attack zinc and aluminum. Should  
be safe on plexiglas, rubber, and synthetic fabrics. Will attack wool. Should not  
be used on paint or other surfaces sensitive to alkaline materials.

F. DOES THE MATERIAL DECOMPOSE WHEN EXPOSED TO AIR? WATER? HEAT? STRONG OXIDIZERS? No

G. FOR MIXTURES GIVE THE PERCENTAGE COMPOSITION OF INGREDIENTS:

COMPOUND	PERCENT
Sodium hydroxide	< 75
Sodium gluconate	< 25
Sodium carbonate	< 5
Tetrasodium ethylenediaminetetraacetate	< 5
Anionic & nonionic surface active agents and soap	< 5

NOTE: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ETC., ARE NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN.

H. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? No

9. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: Avoid contact with skin, eyes, and clothing. Avoid inhalation of mists, vapors, and dusts. Do not add to hot water; add slowly to cold solution to avoid spattering.

10. RECOMMENDED PROTECTIVE EQUIPMENT: Dust mask when handling dry powder. Rubber or synthetic gloves, safety goggles, apron.

11. A. FLASHPOINT °F; CLOSED CUP None; OPEN CUP \_\_\_\_\_; IF F.P. CHANGES DURING EVAPORATION GIVE DATA:

B. EXPLOSIVE LIMITS (% VOL. AIR): N/A LOWER \_\_\_\_\_; UPPER \_\_\_\_\_

C. SUSCEPTIBILITY TO SPONTANEOUS HEATINGS: YES \_\_\_\_\_; NO X

D. FIRE POINT °F N/A; AUTO IGNITION TEMPERATURE °F N/A

E. VAPOR DENSITY N/A

F. WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES? N/A

G. SUITABLE EXTINGUISHING AGENTS: Will not burn or support combustion.

12. INFORMATION FURNISHED BY: Corinne A. Martinelli  
TITLE: Ecologist  
COMPANY: OAKITE PRODUCTS, INC.  
50 Valley Road, Berkeley Heights, New Jersey 07922  
ADDRESS: January 20, 1972  
DATE:

NOTE: INFORMATION IN REGARD TO A MATERIAL'S COMPOSITION WILL BE USED FOR THE PURPOSE OF COMPLYING WITH LOCAL, STATE AND FEDERAL ORDINANCES, LAWS AND CODES, AND REQUIREMENTS OF GOVERNMENTAL AGENCIES.

THE COMPLETED FORM SHOULD BE RETURNED TO PURCHASING, DOUGLAS AIRCRAFT DIVISION, LONG BEACH, CALIF. 90801.